

Work Order ID 66014

Tuesday, February 01, 2011 3:50:24 PM



Page 1

Item ID:	D3484-041	Accept		Setup	Start	
Revision ID:						
Item Name:	Tail Light Fairing Assembly, LH				Stop	
Start Date:	2/1/2011	Start Qty:	10.00 ⁴			
Required Date:	2/7/2011	Req'd Qty:	10.00			
Reference:						

Approvals:	Process Plan:		Date:	11-02-1	Tooling:		Date:		Run	Start	
	QC:		Date:		SPC (Y/N):		Date:			Stop	

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D3484	Rev F								
100		0.00							
Purchasing	Memo	0.00							
Purchasing	Issue P/O: 13417								
	Make as per Dwg D3484								
	Material release note is required								
110	Receive & Inspect for Damage & Mat'l Certs	0.00							
Packaging	Memo	0.00							
Packaging									
120	QC9- Inspect visual per QSI004- Fusion Welds	0.00							
QC	Memo	0.00							
Quality Control									

CL 11/02/02 @ \$

24/2/22 (4)

4 0 2E11/02/28 P10 →

W/O: 66014		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	
	#125	touch up welds as per qc9 welding inspection fusion weld A/R → <u>N/A</u>	FE	11.02.26 11.03.07			S 11/02/25	
	#126	Re qc9 welding inspection	BE	11/02/28			S 11/02/25	
		ADD steps to w/o						

Part No: D3484-041 PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

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NOTE: Date & initial all entries

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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Tuesday, February 01, 2011 3:50:24 PM



Accept

**Setup Start**

Stop

[illegible]**Cust Item ID:**[illegible]

Customer:

Reference:

Run Start



Approvals: **Process Plan:** _____ **Date:** _____ **Tooling:** _____ **Date:** _____

Stop



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

**Insp.
Stamp**

0.00



0.00

Quality Control

0.00



Packaging

Memo

0.00

Packaging

Identify as per dwg and Stock
Location: 205
Identify on inside surface as indicated
TCCA-PDA, DART AEROSPACE LTD
P/N: D412-750-141 B/N: BXXXXX
FOR PRODUCT ELIGIBILITY SEE PDA06-13

QC5- Inspect part completeness to step on W/O

0.00



QC

Memo

0.00

Quality Control

Sul03/02

44
LH

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

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NOTE: Date & initial all entries

Work Order ID 66014

Tuesday, February 01, 2011 3:50:24 PM



Page 5

Item ID: D3484-041

Accept



Setup Start



Revision ID:

Stop



Item Name: Tail Light Fairing Assembly, LH

Start Date: 2/1/2011 Start Qty: 10.00



Cust Item ID:

Required Date: 2/7/2011 Req'd Qty: 10.00



Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

220

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

11/03/03

11-03-02

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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NOTE: Date & initial all entries

Picklist Print

Tuesday, February 01, 2011 3:50:30 PM

Page 1

Work Order ID: 66014

Parent Item: D3484-041

Parent Item Name: Tail Light Fairing Assembly, LH




Start Date: 2/1/2011

Required Date: 2/7/2011

Start Qty: 10.00

Required Qty: 10.00

Comments: IPP Rev:A New Issue 06-04-11 JLM
IPP Rev:B 08-01-24 change rivet to CR1122-3-025 DD verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3484-041P 		Purchased	No			110 (42)	Each	0.0000	1	10		2/1/03/01	
Tail light Fairing													
MS21069-04 		Purchased	No			160	Each	46.0000	2	20		2/1/03/01	
ANCHOR NUT													
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST302		46							
				113064		46							
CR1122-3-02.5 		Purchased	No			160	Each	45.0000	4	40		2/1/03/01	
RIVET													
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST291		34							
				114348		34							
				ST311		11							
				111293		7							
				113235		4							

W/O:		WORK ORDER CHANGES					
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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

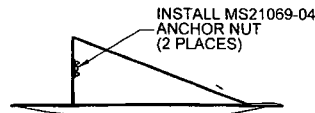
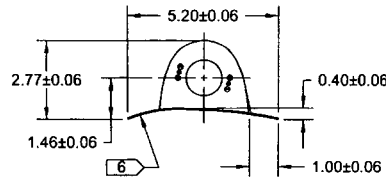
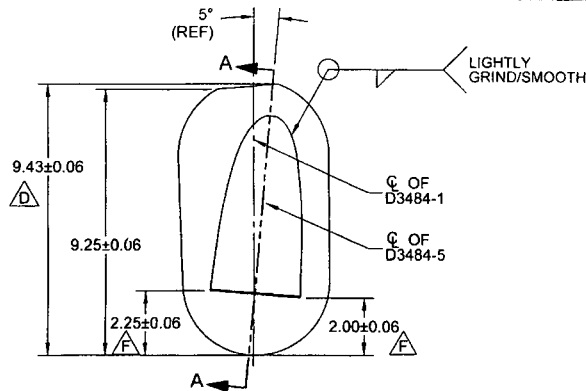
NOTE: Date & initial all entries

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER

NO. 66014

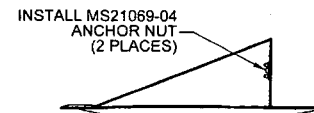
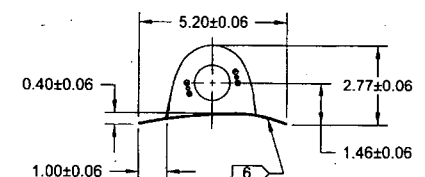
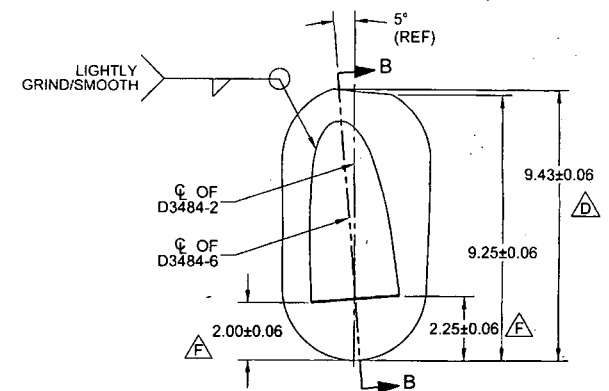
211-02-1

QTY -041	QTY -042	P/N	DESCRIPTION
X		D3484-041	TAIL LIGHT FAIRING ASSEMBLY (LH)
	X	D3484-042	TAIL LIGHT FAIRING ASSEMBLY (RH)
1		D3484-1	BASE (LH)
	1	D3484-2	BASE (RH)
1		D3484-3	FACE (LH)
	1	D3484-4	FACE (RH)
1		D3484-5	CONE (LH)
	1	D3484-6	CONE (RH)
4	4	CR1122-3-02.5	RIVET
2	2	MS21069-04	ANCHOR NUT



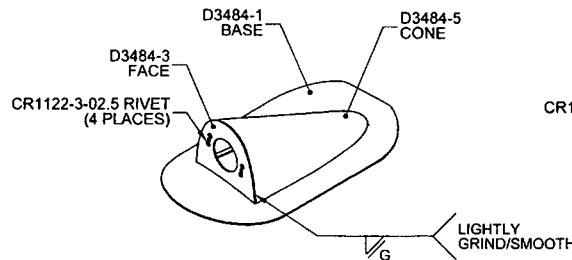
SECTION A-A

D3484-041 TAIL LIGHT FAIRING

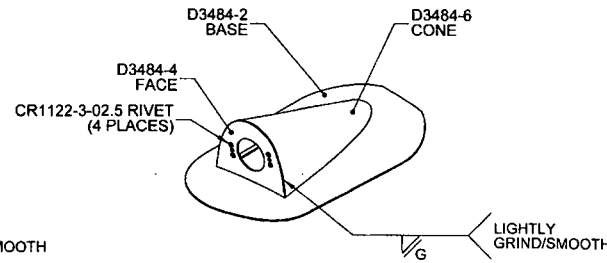


SECTION B-B

D3484-042 TAIL LIGHT FAIRING



D3484-041 ISOMETRIC VIEW



D3484-042 ISOMETRIC VIEW

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) WELDING: PER DART QSI 004
- 6) IDENTIFICATION: IDENTIFY ON INSIDE SURFACE AS INDICATED WITH WHITE LABEL:
"TCCA-PDA, DART AEROSPACE LTD., P/N D412-750-141/-142 B/N BXXXXX, FOR PRODUCT ELIGIBILITY SEE PDA06-13"
- 7) WEIGHT: 0.30 lbs

RELEASED
9/21/2002

F	UPDATE MATERIAL SPEC, ADD 8061-0, ZN A7-2, A7-3, B3-4, UPDATE DIMENSIONS ZN C1-1, C2-1, C7-1, C8-1, UPDATE WELDING NOTE ZN A3-1, A6-1		09.03.31
E	REDRAW/REFORMAT TO SHOW LH AND RH CONFIGURATIONS FOR CLARITY, CORRECT VIEWS ON SHEET 3 & 4 (WAS SHOWING MIRROR IMAGE OF PARTS); DIM 1.560 WAS 1.563 (SHEET 3, ZONE B4); CR1122-3-02.5 RIVET WAS MS20426AD3-3 RIVET	MB	08.01.03
D	CORRECT D3484-1F	MB	06.06.22
C	RE-DESIGN D3484-3F/A-5F	MB	06.04.20
B	RE-DESIGN	MB	06.02.21
A	NEW ISSUE	MB	05.11.29
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	09.03.31		

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. **D3484** REV. F
SHEET 1 OF 4
TITLE **TAIL LIGHT FAIRING** SCALE 1:4

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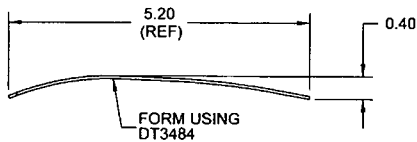
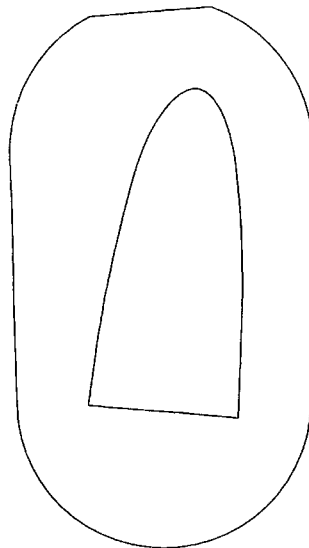
W/O:		WORK ORDER CHANGES					
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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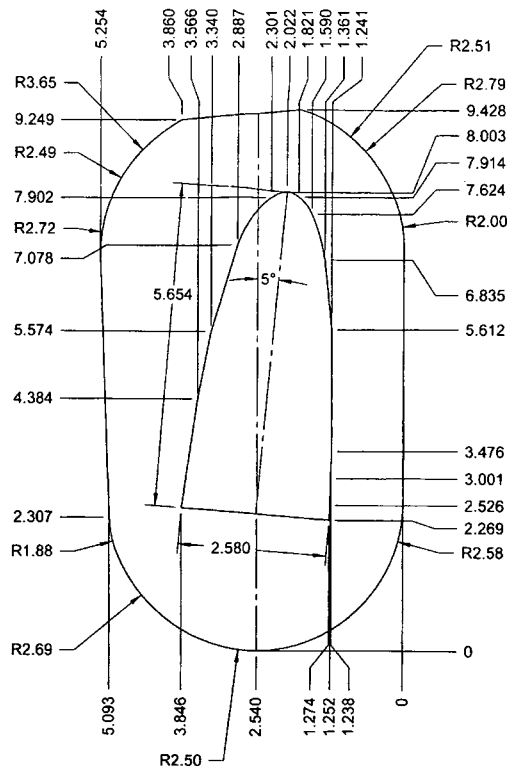
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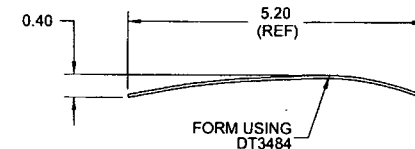
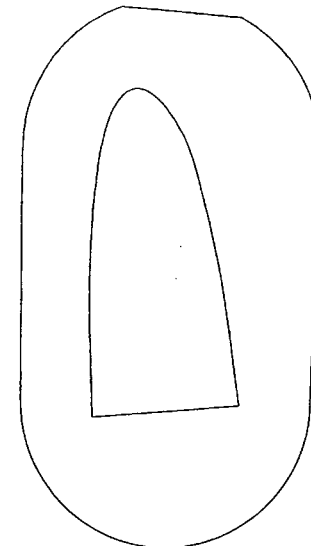


D3484-1 BASE
(MAKE FROM D3484-1F)

- NOTES:**
- 1) MATERIAL: 6061-O ALUMINUM SHEET 0.050 THICK
PER AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027
OR
6061-T6 (OR 6061-T62) ALUMINUM SHEET 0.050 THICK
PER AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027
(REF. DART SPEC. M6061T6S.050)
 - 2) FINISH: N/A
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: N/A
 - 7) WEIGHT: 0.16 lbs









D3484-1F BASE FLAT PATTERN



D3484-2 BASE
(MAKE FROM D3484-1F)

RELEASED
09/12/24

DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. F
MFG. APPR.		D3484	SHEET 2 OF 4
APPROVED		TITLE	SCALE
DE APPR.		TAIL LIGHT FAIRING	1:2
DATE	09.03.31	COPYRIGHT © 2005 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL, AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

W/O:		WORK ORDER CHANGES					
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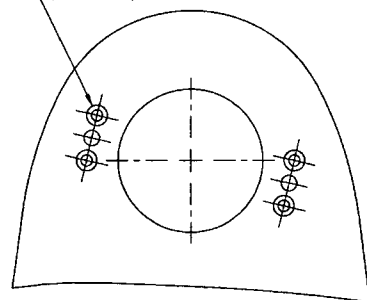
Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

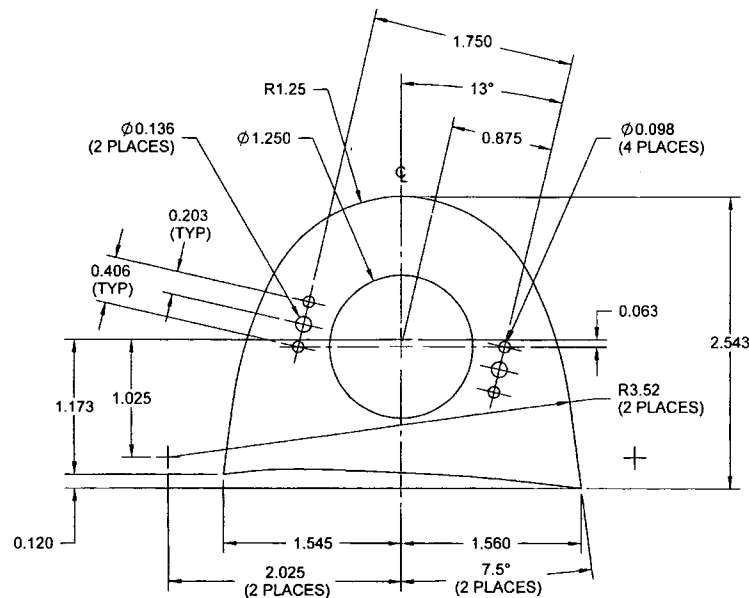
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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

C'SINK
Ø0.181 X 100°
(4 PLACES)

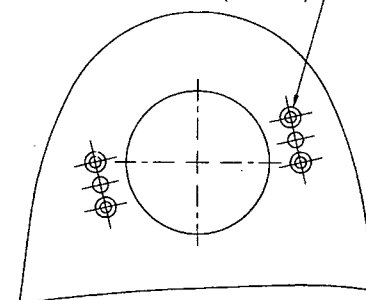


D3484-3 FACE
(MAKE FROM D3484-3F)



D3484-3F FLAT PATTERN TAIL LIGHT FAIRING

C'SINK
Ø0.181 X 100°
(4 PLACES)



D3484-4 FACE
(MAKE FROM D3484-3F)

- NOTES:**
- 1) MATERIAL: 6061-T6 ALUMINUM SHEET 0.050 THICK
PER AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027
OR
6061-T6 (OR 6061-T62) ALUMINUM SHEET 0.050 THICK
PER AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027
(REF. DART SPEC. M6061T6S.050)
 - 2) FINISH: N/A
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: N/A
 - 7) WEIGHT: 0.02 lbs

WU 66014

RELEASED
09/03/31

DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. F
MFG. APPR.		D3484	SHEET 3 OF 4
APPROVED		TITLE	SCALE
DE APPR.		TAIL LIGHT FAIRING	1:1
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W/O:		WORK ORDER CHANGES					
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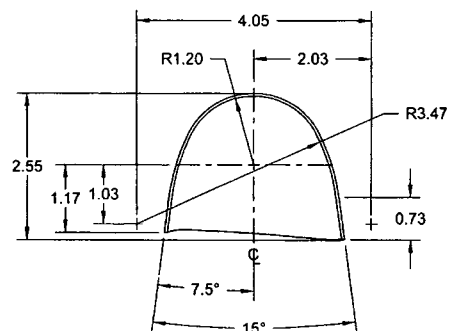
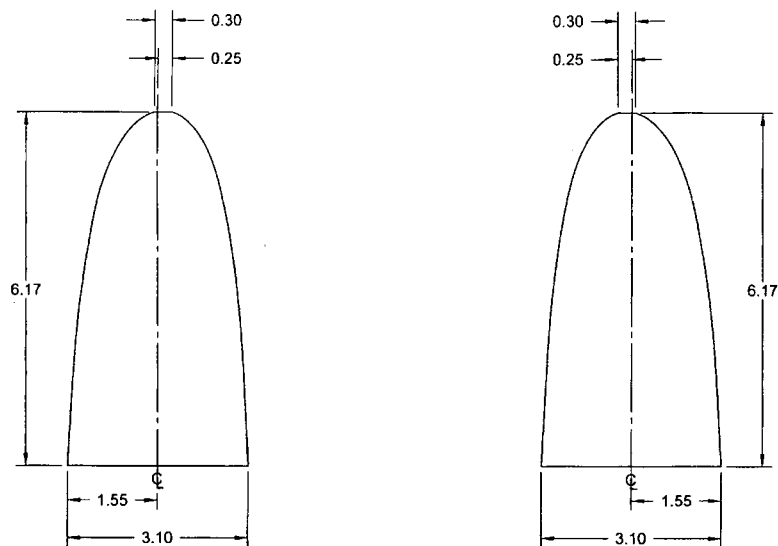
Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

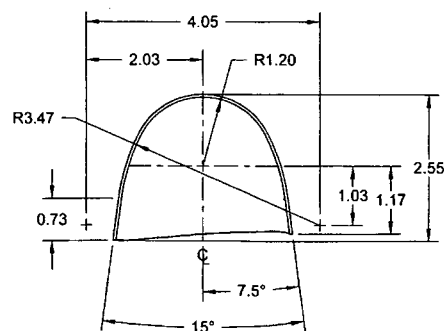
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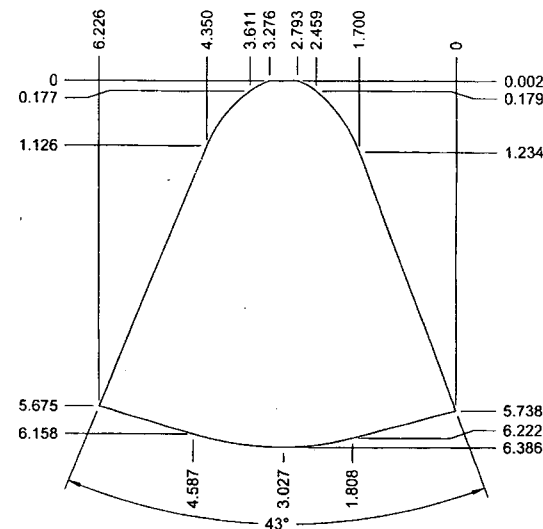
8 7 6 5 4 3 2 1



D3484-5 CONE
(MAKE FROM D3484-5F)









D3484-6 CONE
(MAKE FROM D3484-5F)



D3484-5F CONE FLAT PATTERN

- NOTES:**
- 1) MATERIAL: 6061-O ALUMINUM SHEET 0.050 THICK
PER AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027
OR
6061-T6 (OR 6061-T62) ALUMINUM SHEET 0.050 THICK
PER AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027
(REF. DART SPEC. M6061T6S.050)
 - 2) FINISH: N/A
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: N/A
 - 7) WEIGHT: 0.11 lbs

RELEASED
01/04/24

DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. F
MFG. APPR.		D3484	SHEET 4 OF 4
APPROVED		TITLE	SCALE
DE APPR.		TAIL LIGHT FAIRING	1:2
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u/b 6014

8 7 6 5 4 3 2 1

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NOTE: Date & initial all entries



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PO REPRINT

Purchase Order ID PO13417

Purchase Order Date 2/02/11

PO Print Date 2/11/11

Page Number 1 of 1

Order From :

VC-GFI001

GFI
180 AVENUE LABROSSE
POINTE CLAIRE, QC H9R 1A1
CA

Contact Name

Vendor Phone 514 630 4877

Vendor Fax 514 630 4849

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr 10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

REVISED
QTY

Ship To :

DART AEROSPACE LTD 1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req. Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	D3484-041P	Tail light Fairing	2/25/11 Yes	4.00 Each	FedEx PI collect	\$322.0000	\$1,288.00
		Special Inst:	AS PER DWG D3484 REV. F B66014 FORMED & WELD AS PER QSI 005 CHEMICAL CONVERSION, NUTPLATE, AND POWDER COAT TO BE DONE AT DART				
2	D3484-042P	Tail Light Fairing	2/25/11 Yes	4.00 Each	FedEx PI collect	\$322.0000	\$1,288.00
		Special Inst:	AS ABOVE B66015				

PO Total: \$2,576.00

Change Nbr: 3

Change Date: 2/11/11

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required when applicable



180 AVENUE LABROSSE
POINTE-CLAIRE, QC, CANADA H9R 1A1
TÉL.:(514) 630-4877 - FAX:(514) 630-4849

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BON DE LIVRAISON / SHIPPING MEMO

DATE DE LIVRAISON / SHIPPING DATE			N° DE BON DE LIVRAISON / SHIPPING MEMO NO	PAGE
JR - DY	MO - MO	AN - YR		
18	02	11	0456208	1/1

VENDU À / SOLD TO

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON
K6A 1K7

EXPÉDIÉ À / SHIP TO

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON
K6A 1K7



CODE DE CLIENT / CUSTOMER CODE	N° DE CONTRAT / JOB NO	VOTRE N° DE COMMANDE / YOUR PURCHASE ORDER NO	EXPÉDIÉ PAR / SHIP VIA
DART	GFI-0299	0226801	PO13417

QUANTITÉ / QUANTITY	N° DE PIÈCE / PART NO	DESCRIPTION
4	D3484041P	TAIL LIGHT FAIRING

CERTIFICATE OF CONFORMANCE REQ

MFG. JOB# J0226801-001 QTY 4



REÇU PAR / RECEIVED BY

DATE

EXPÉDITEUR / SHIPPER

N° DE BON DE LIVRAISON / SHIPPING MEMO NO



TOUTES LES RÉCLAMATIONS DOIVENT ÊTRE FAITES EN DÉLAI DE 30 JOURS
ALL CLAIMS MUST BE MADE WITHIN 30 DAYS

**CERTIFICATE OF COMPLIANCE
CERTIFICAT DE CONFORMITE**



Membre de / A Member of **Thomas & Betts**

180 LABROSSE AVENUE
POINTE CLAIRE, QC
H9R 1A1

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON K6A 1K7

CERTIFICATE NO. 3 OUR JOB NO J0226801 SHIPPING MEMO 0456208

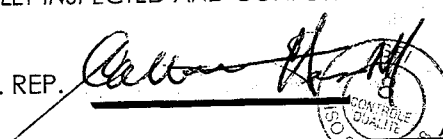
ITEM	QUANTITY	PURCHASE ORDER	PART NUMBER	REV	NAME	DWG ISSUE
--	4 PCS	PO13417	D3484041P	F	TAIL LIGHT FAIRING	F

MATERIAL	SUPPLIED BY	MAT. REL. NO.
AL 6061-T0	SAMUEL / ALCOA INC AND AMAG ROLLING	564405 AND 61225/01

	PROCESS	PROCESSOR	RELEASE NOTE #
1	FIRST ARTICLE INSPECTION REPORT ON FILE	GFI	N/A
2	REF. GFI MANUFACTURING JOB NUMBER J0226801-001 (4 PCS)		
3			
4			
5			
6			
7			
8			
9			

WE HEREBY CERTIFY ALL THE PARTS COVERED BY THIS CERTIFICATE HAVE BEEN MANUFACTURED FROM MATERIAL SUPPLIED ON RELEASE NOTE SHOWN ABOVE AND THAT ALL PARTS HAVE BEEN INDIVIDUALLY INSPECTED AND CONFORM TO THE DRAWINGS AND PURCHASE ORDER REFERENCED ABOVE.

DATE 18 FEBRUARY 2011

G.F.I. Q.C. REP. 





LES METAUX SPECIALISES SAMUEL
21525 CLARK-GRAHAM
BAIE D'UREE, QUEBEC, CANADA
H9X 3T5
(514) 457-3399 FAX(514) 457-9393

No 001410461



PAGE 1 DE/OF 1

TRANSPORTEUR/CARRIER NAME
STERO TRANSPORT

CAMION/TRUCK
099

NOM DE LA BRANCHE/SALES BRANCH NAME
LES METAUX SPECIALISES SAMUEL

DATE D'EXP/DATE OF SHIP
6/26/09

VENDU À/SOLD TO:

GFI DIVISION OF THOMAS & BETTS, LIMITED
180 AVENUE LABROSSE
POINTE CLAIRE
POINTE-CLAIRE
QC
H9R1A1 (514) 630-4877

EXPÉDIÉ À/SHIP TO: TÀB: DEST

G.F.I. INC
180 AVENUE LABROSSE
POINTE-CLAIRE
QC
H9R1A1 CA (210678-00001)

N° COMMANDE
N° ITEM
157072-01

DESCRIPTION ET POIDS/DESCRIPTION AND WEIGHT

#Comm du client: 0075679

Cert/Test: TRUCK

1 MCX FEUILLES ALUMINIUM 6061 O
.0500"x48"x144"

AS05148144PM 35 LVR

Description	Art	Pd ca	Qté	#Étiq	Vendeur
#Étiq mln	#À soul			Étq princ	#Coul
	1	48.000	35	4379225	ALR
623927				D332323	564405
Total:	1	48.000	35		

Poids total:

35 LVR

#Total paquets: 1

Commentaires connaissance:

CERTIFICAT DE CONFORMITÉ
LE MATÉRIEL DÉTAILLÉ CI-DESSUS EST CERTIFIÉ
CONFORME AUX EXIGENCES DE VOTRE COMMANDE ET AUX
SPÉCIFICATIONS DES NORMES DU GRADE. SVP VOUS
RÉFÉREZ AUX CERTIFICATS CI-JOINTS. AUTORISÉ PAR:

Signature →

CH 110

MATÉRIEL REÇU NE SERA ACCEPTÉ
APRÈS VÉRIFICATION DE DIMENSIONS
FAISSEUR, POIDS ET CONDITIONS



29/06/09

SIGNATURE *Saymon* DATE 26 June 09

NIR: R-539477-1

RÉPAYÉ PAR	<input checked="" type="checkbox"/> PORT PAYÉ/PAID	<input type="checkbox"/> PORT D'UN COLLECT	INST. VOITURIER/DRIVER INSTRUCTIONS	VALEUR (\$2,000 max à moins d'avis contraire) VALUATION (Max \$ 2,000 unless otherwise stated)
HARGES			VOITURIER/DRIVER	DECLARÉ DE L'EXPÉDITION DECLARED VALUE OF SHIPMENT
EXPÉDITEUR/DISPATCHER				REÇU PAR/RECEIVED BY

CERTIFIED INSPECTION REPORT

Alcoa Inc.

PITTSBURGH, PA DAVENPORT WORKS

We hereby certify that the material covered by this certificate has been inspected with and has been found to meet the applicable requirements described therein, including any specifications forming a part of the description and that samples representative of the material met the composition limits and had the mechanical properties shown on the face of this sheet.

Mark J. Vrabec

Mark J. Vrabec
Director of Manufacturing Davenport Works

Kenton P. Young

Kenton P. Young
Quality Assurance Manager

903584 0
Ship Date B.L. No.
2008-03-29 2856773
P.O. No./Govt Contract No. Invoice No. Alcoa No. Item Page
N20720 00000 5043842-2 1
Customer Mfg Order
SAMUEL SON & CO LT DCE-43842-2

Ship To: SAMUEL SON & CO LTD
S.S.M.Q
21525 CLARKE-GRAHAM
BAIE D'URFE H9X 3T5 QC

Item Description
0.05 IN TK (+0.0000 -.0035) X 48.0 IN W (+.125 -.125) X 144.0 IN LN (+.15625 -.15625) (N) A/T 6061-
O FLAT SHEET FOR DISTRIBUTORS TOLERANCE GUARANTEED. AMS-QQ-A-
250/11 EXC MRK AMS4025 REV K EXC MRK
ASTMB209 REV 07 EXC MRK CMMPO25 REV Q EXC MRK
CMMPO19 REV D EXC MRK CSTI008 REV D
((MARKED)) KRAFT PAPER INTERLEAVED
MAX GROSS SKID WGT: 6000 LB QUAN TOL +0
-30 % CQR 0216075 REV 01 CUST REQ 08-03-
01 *** W/E 08-04-05 ***

Num	Package Ticket	Lot	Weight	Quantity	UOM	Pc Id/Serl
1	623927	564405	5684	174	PC	

Notes for CQR: 0216075.1
PRODUCT PRODUCED AND MARKED TO THE REQUIREMENTS OF AMS-QQ- A-250/11 ALSO MEETS THE REQUIREMENTS OF QQ-A-250/11F. PROD UCT
PRODUCED AND MARKED TO THE REQUIREMENTS OF QQ-A-250/11 F ALSO MEETS THE REQUIREMENTS OF AMS-QQ-A-250/11.
Exception to Spec CMMPO25 ; Revsn: Q Issue: Letter dated 2004-08-24 from STEGEMANN, JEAN to BLACKIE, B.
Exception to Spec CMMPO19 ; Revsn: D Issue: Letter dated 2006-09-28 from AHERN, DENNIS T to BLACKIE, BILL.
Exception to Spec CSTI008 ; Revsn: D Issue: Letter dated 2006-12-04 from AHERN, DENNIS T to BLACKIE, BILL.

CQR: 0216075.1 -Specification Limits

Temp	Dir	UTS	TYS	EL4D
0	Long Transv.	Max KSI 22.0	Max KSI 12.0	PCT 16
		Min		
T42	Long Transv.	Max KSI 30.0	Max KSI 14.0	PCT 16
		Min		
T62	Long Transv.	Max KSI 42.0	Max KSI 35.0	PCT 10
		Min		

CERTIFIED INSPECTION REPORT

Alcoa Inc.

PITTSBURGH, PA DAVENPORT WORKS

We hereby certify that the material covered by this certificate has been inspected with, and has been found to meet, the applicable requirements described therein, including any specifications forming a part of the description and that samples representative of this material met the composition limits and had the mechanical properties shown on the face of this sheet.

Mark J. Vrabec

Mark J. Vrabec
Director of Manufacturing Davenport Works

Kenton P. Young

Kenton P. Young
Quality Assurance Manager

903584

Ship Date

2008-03-29

P.O. No./Govt Contract No.

N20720

0

B.L. No.

2856773

Invoice No.

00000

Customer

SAMUEL SON & CO LT DCE-43842-2

Ship From:

RIVERDALE, IA.

Alcoa No. Item

5043342-2

Mfg Order

Page 2

CQR: 0216075.1 -Specification Limits (cont.)

Chemical Composition		SI	FE	CU	MN	MG	CR	ZN	TI	Other Each	Other Total	Aluminum
Max		0.8	0.7	0.40	0.15	1.2	0.35	0.25	0.15	0.05	0.15	
Min		0.40		0.15		0.8	0.04					

Lot: 564405 - Mechanical, Physical, Metallography, Quantometer Results

Temp	Dir	Test	UTS	TYS	EL4D
0	Long Transv.	2	17.8	8	25.8
			18	7.8	24.8

Temp	Dir	Test	UTS	TYS	EL4D
T42	Long Transv.	2	36.5	18	23.3
			36.6	18.1	21.9

Temp	Dir	Test	UTS	TYS	EL4D
T62	Long Transv.	2	50.8	43.8	13.3
			50.7	43.7	13

Cast Number	Chemical	SI	FE	CU	MN	MG	CR	ZN	TI
H3204064	Actuals	0.65	0.4	0.26	0.05	1.0	0.19	0.03	0.02

This material was melted in the United States or a Qualifying Country [REF DFARS 225.872.1(a)]; it was manufactured in the United States



LES METAUX SPECIALISES SAMUEL
21525 CLARK-GRAHAM
BAIE D'URFE, QUEBEC, CANADA
H9X 3T5

(514) 457-3399

FAX (514) 457-9393

No 001507119



ANSPORTEUR/CARRIER NAME
SSMQ TRUCK

CAMION/TRUCK
400

NOM DE LA BRANCHE/SALES BRANCH NAME
SAMUEL & FILS & CIE (QUEBEC) L

DATED'EXP/DATE OF SHIP
10/28/09

PAGE 1 DE/OF 1

VENDU À/SOLD TO:

GFI, DIVISION DE THOMAS & BETTS LTEE
180 LABROSSE

POINTE-CLAIRE
QC
H9R1A1

(514) 630-4877

EXPÉDIÉ À/SHIP TO: TÀB: DEST

GFI INC.
180 LABROSSE

POINTE-CLAIRE
QC

H9R1A1

CA

(201009-00001)

N° COMMANDE
N° ITEM
122418-01

DESCRIPTION ET POIDS/DESCRIPTION AND WEIGHT

#Comm du client: 76106

1 PC FEUILLES ALUMINIUM 6061-0

.0500"x48"x144"

AMS-QQA-250-11

Cert/Test: TRUCK

37 LVR

Description

Art

Pd ca

Qté

#Étiq

Vendeur Org

#Étiq mln

#À soul

Étq princ

#Coul

6026690001

1

48.000

37

4685118

AMG

AT

Total:

1

48.000

37

D650987 61225/01

Poids total:

#Total paquets:

1

37 LVR

Commentaires connaissance:

CERTIFICAT DE CONFORMITÉ

LE MATÉRIEL DÉTAILLÉ CI-DESSUS EST CERTIFIÉ
CONFORME AUX EXIGENCES DE VOTRE COMMANDE ET AUX
SPÉCIFICATIONS DES NORMES DU GRADE. SVP VOUS
RÉFÉREZ AUX CERTIFICATS CI-JOINTS. AUTORISÉ PAR:

Melissa Diamond
ADMINISTRATION

DATE 28/10/09



Silochs →

NIR: R-539477-1

PRÉPAYÉ PAR
CHARGES

☒

PORT PAYÉ/REPAD

☐

PORT D'UCCLECT

INST. VOITURIER/DRIVER INSTRUCTIONS

EXPÉDITEUR/DISPATCHER

VOITURIER/DRIVER

VALUÉ (Max \$2.00/lb max à moins d'avis contraire)
VALUATION (Max \$2.00/lb unless otherwise stated)
VALUÉ DÉCLARÉ DE L'EXPÉDITION
DECLARED VALUE OF SHIPMENT
REÇU PAR/RECEIVED BY



Abnahmeprüfzeugnis 3.1 (EN 10204)
Inspection certificate – mill certificate

Nr.: 85362735 01 / 1
 Rev. 0

Seite / page: 1 von / of 2
 Datum / date: 2009 09 15

Zertifiziert nach / certified to ISO 9001, ISO/TS 16949, EN/AS 9100, ISO 14001, NADCAP

Auftraggeber / customer: Samuel Specialty Metals (QC) Div. of Sam. & Fils & Cie (Que.) Ltee. 2225 Av. Francis-Hughes CDN-H7S 1N5 LAVAL, QC Wareneempfänger / consignee: Samuel Specialty Metals 21525 Clark-Graham CDN-H9X 3T5 BAIE D'URFE QC Endkunde, Bestell-Nr. / Your cust., ord. no.:	Bestell Nr. / order no.:	N22259
	Datum / date:	2009 08 31
	Auftragsbest. Nr. / order confirm. no.:	602669
	Datum / date:	2009 09 04
	Lieferschein Nr. / delivery note:	85362735
	Datum / date:	2009 09 15
	Akkreditiv Nr. / letter of credit no.:	

Produkt/product Form / form: Sheet Werkstoff / material: 6061 Zustand / temper: Q Dim. / dim: [inch]: 0,050x48,00x144,00 Kundenartikel-Nr / customer article no.:	Bedingungen/terms Techn. Lieferbedingungen / techn. spec.: AMS-QQ-A-250/11, 08.1997 ASTM B 209 - 07 AMS 4025L, 07.2008 Sondervorschrift / special terms: standard grain
---	--

AB-Pos. ord.-item.	Bilr/Los/Teillos Lot/No./Part	Guss Nr. cast no.	Werkstoff material	Kollo. packno.	Gewicht netto weight net	Stk. pcs.
01	61225/01/00	01/0033392/9	6061	6026690001	2431,658 lbs	72

Chemische Zusammensetzung / chemical composition: [%] Gewichtsanteile / weight proportion											
Guss Nr. / cast no.	AMAG designation	Al	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Sonstige Einzel
01/0033392/9	6061										
	spec. min.		0,40		0,15		0,80	0,04			
	spec. max.		0,80	0,70	0,40	0,15	1,20	0,35	0,25	0,15	0,05
	actual		97,42	0,65	0,48	0,22	0,07	0,88	0,17	0,03	0,01
	Sonstige Summe										
	spec. min.										
	spec. max.		0,15								
	actual		0,03								



Abnahmeprüfzeugnis 3.1 (EN 10204)
Inspection certificate – mill certificate

Nr.: 85362735 01 / 1

Rev. 0

Seite / page: 2 von / of 2

Datum / date: 2009 09 15

Zertifiziert nach / certified to ISO 9001, ISO/TS 16949, ENAS 9100, ISO 14001, NADCAP

Zugversuch / Tensile test									
BNr/Los Lot/No.	Zustand temper	Richtung direction	Tests		Rm [ksi]	Rp0.2 [ksi]	A2" [%]		
				spec.min.			16		
				spec.max.	22,0	12,0			
61225/01	O	LT	8	Min	16,0	6,5	30		
61225/01	O	LT		Max	16,1	6,8	32		
BNr/Los Lot/No.	Zustand temper	Richtung direction	Tests		Rm [ksi]	Rp0.2 [ksi]	A2" [%]		
				spec.min.	30,0	14,0	16		
				spec.max.					
61225/01	T42	LT	8	Min	34,1	16,0	22		
61225/01	T42	LT		Max	34,7	16,2	23		
BNr/Los Lot/No.	Zustand temper	Richtung direction	Tests		Rm [ksi]	Rp0.2 [ksi]	A2" [%]		
				spec.min.	42,0	35,0	10		
				spec.max.					
61225/01	T62	LT	8	Min	43,9	38,9	11		
61225/01	T62	LT		Max	44,2	39,2	13		

Sonstige Prüfungen / other Tests

Biegeversuch / Transverse bend test: OK.

Maßkontrolle / Dimensional Check: OK.

Oberfläche / Surface Inspection: OK.

Bemerkungen / notes

Zustand / temper T42+T62: Laborgeglüht / Laboratory temper

Ausgestellt nach Airbus Zulassung Nr. 30272.

Wir bestätigen, dass die gesamte Lieferung unter Einhaltung und soweit oben nicht anders dargelegt aller Forderungen (Spezifikationen, Zeichnungen, Aufträge) hergestellt und geprüft wurde.

Das Qualitätsmanagementsystem erfüllt die Anforderungen der AUK/SA/001-3.

Issued under Airbus Approval No. 30272.

Certified that the whole of the supplies detailed hereon have been manufactured, inspected, tested and unless otherwise stated above conform in all respects to the Specifications, Drawings and Contract. Order relevant thereto
The Quality Management System arrangements in respect of these supplies comply with the requirements of AUK/SA/001-3.

Werkssachverständiger / factory specialist	E-Mail / e-mail
Rendl Herbert	herbert.rendl@amag.at

Herstellerland: Österreich / goods origin: The goods are of Austrian origin.
Maschinell erstellt - Gültig ohne Unterschrift / Automated - valid without being signed.

